

REMARKS

This Amendment is filed in order to facilitate processing of the above identified application.

As indicated above, claims 8 and 11-13 have been amended in order to make explicit what is implicit in the claims. The amendment is unrelated to a statutory requirement for patentability.

Claim 8 claims an information processing apparatus, claim 11 claims an information process method, claim 12 claims a program record medium on which a program is recorded and causes a computer to perform an information process, and claim 13 claims a program causing a computer to perform an information process. The apparatus, method, medium and program obtain reproduction information necessary to reproduce data when the data is recorded. The data is low resolution video data and video and audio data. A plurality of clip management files are generated describing (1) the reproduction information and (2) a unique identifier that composes each clip. An index management file is updated in which management information of all clips and edit lists recorded in the record disc medium are totally managed. The index management file is composed of the reproduction information, the unique identifier and information representing the recorded position of the data that compose each clip. Reproduction data that compose all the clips are successively reproduced in an order of recordation according to the index or clip management files. When a record disc medium is loaded, the index management file is read from the recording medium and stored to a memory. When the clip is to be reproduced, the corresponding clip management file is read from the record disc medium and stored to the memory.

By (a) having clip management files which manage each clip and an index management file which manages all clips and edit lists, (b) reading and storing the index management file when a record disc medium is loaded, (c) reading and storing the corresponding clip management file when a clip is to be reproduced, and (d) successively reproducing all clips on the disc in order of recordation as claimed in claims 8 and 11-13, the claimed invention provides an apparatus, method, medium, and program in which information necessary for reproducing data from a disc can be obtained quickly and without a time lag as though reproducing data from tape. The prior art does not show, teach or suggest the invention as claimed in claims 8 and 11-13.

Claims 8-13 were rejected under 35 U.S.C. § 103 as being unpatentable over *David, et al.* (U.S. Publication No. 2002/0131764) in view of *Takagi, et al.* (U.S. Publication No. 2003/0085997) and *Um, et al.* (U.S. Publication No. 2003/0138236).

Applicants respectfully traverse the Examiner's rejection of the claims under 35 U.S.C. § 103. The claims have been reviewed in light of the Office Action, and for reasons which will be set forth below, Applicants respectfully request the Examiner withdraws the rejection to the claims and allows the claims to issue.

David, et al. appears to disclose a tape 502, 126 on lines 3 and 18 of the Abstract. Nowhere in *David, et al.* is it shown, taught or suggested a disc medium. Applicants respectfully request the Examiner point out with specificity the disc media in the Abstract of *David, et al.*

Additionally, *David, et al.* discloses in paragraph [0003] recording audio and/or video information signals and in paragraph [0236] discloses metadata 210 including the resolution of the picture and format in which the video material is encoded. Nothing in *David, et al.* shows, teaches or suggests low resolution video data claimed in claims 8 and 11-13.

Furthermore, *David, et al.* discloses in paragraphs [0049-0050] arranging metadata objects into a plurality of categories and repeat recording the metadata objects in accordance with the categories. Thus nothing in *David, et al.* shows, teaches or suggests a plurality of clip management files with which data of each clip are managed. Rather, the categories in *David, et al.* manage the metadata objects and not the clips.

Furthermore, paragraph [0091] in *David, et al.* discloses linking the metadata to the material by UMIDs and by MURNs. Also, *David, et al.* merely discloses in paragraphs [0057-0058] changing header information between successive packets recorded repeatedly onto a linear recording medium which have different metadata objects to provide a way to recognize where metadata packets, which are repeatedly recorded, change from one group to another. By detecting the change in the header information, a reproducing apparatus can discard redundant metadata packets.

Applicants respectfully request the Examiner explain how changing header information between successive recorded packets and detection thereof discloses (a) a reading an index management file when a disc medium is loaded and (b) reading and storing a clip management file when a clip to be reproduced is designated as claimed in claims 8 and 11-13. *David, et al.* only discloses changing header information during a recording and discarding redundant information by a reproducing apparatus by examining the header information. In other words, nothing in *David, et al.* shows, teaches or suggests reading and storing an index management file when a disk medium is loaded and reading and storing a clip management file when a clip is designated as claimed in claims 8 and 11-13.

Takagi, et al. merely discloses registering metadata into an archive system. *Um, et al.* merely discloses a directory and sub-directories. Neither reference shows, teaches or suggests

(a) clip management files which manage each clip and an index management file which manages all clips and edit lists, (b) reading and storing the index management file when a disk media is loaded, (c) reading and storing corresponding clip management file when a clip is to be reproduced and (d) successively reproducing all clips on the disk in the order of recordation as claimed in claims 8 and 11-13.

The combination of *David, et al.*, *Takagi, et al.* and *Um, et al.* would merely suggest when reproducing metadata packets, determine if more than one metadata packet is the same as taught by *David, et al.* [0058], registering metadata into an archival system as taught by *Takagi, et al.* (Abstract) and having a directory with subdirectories as taught by *Um, et al.* [0100]. Thus, nothing in the combination of the references shows, teaches or suggests the primary features, as discussed above, as claimed in claims 8 and 11-13. Therefore, Applicants respectfully request the Examiner withdraws the rejection to claims 8 and 11-13 under 35 U.S.C. § 103.

Claims 9-10 depend from claim 8 and recite additional features. Applicants respectfully submit that claims 9-10 would not have been obvious over 35 U.S.C. § 103 over *David, et al.*, *Takagi, et al.*, and *Um, et al.* at least for the reasons as set forth above. Therefore, Applicants respectfully request the Examiner withdraws the rejection to claims 9-10 under 35 U.S.C. § 103.

Thus, it now appears that the application is in condition for reconsideration and allowance. Reconsideration and allowance at an early date are respectfully requested.

CONCLUSION

If for any reason the Examiner feels that the application is not now in condition for allowance, the Examiner is requested to contact, by telephone, the Applicants' undersigned attorney at the indicated telephone number to arrange for an interview to expedite the disposition of this case.

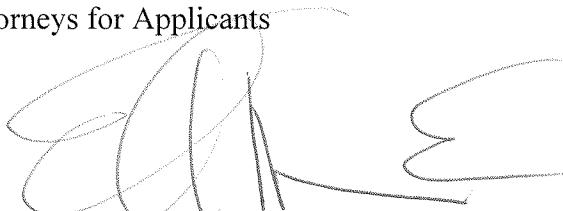
In the event that this paper is not timely filed within the currently set shortened statutory period, Applicants respectfully petition for an appropriate extension of time. The fees for such extension of time may be charged to Deposit Account No. 50-0320.

In the event that any additional fees are due with this paper, please charge our Deposit Account No. 50-0320.

Respectfully submitted,

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